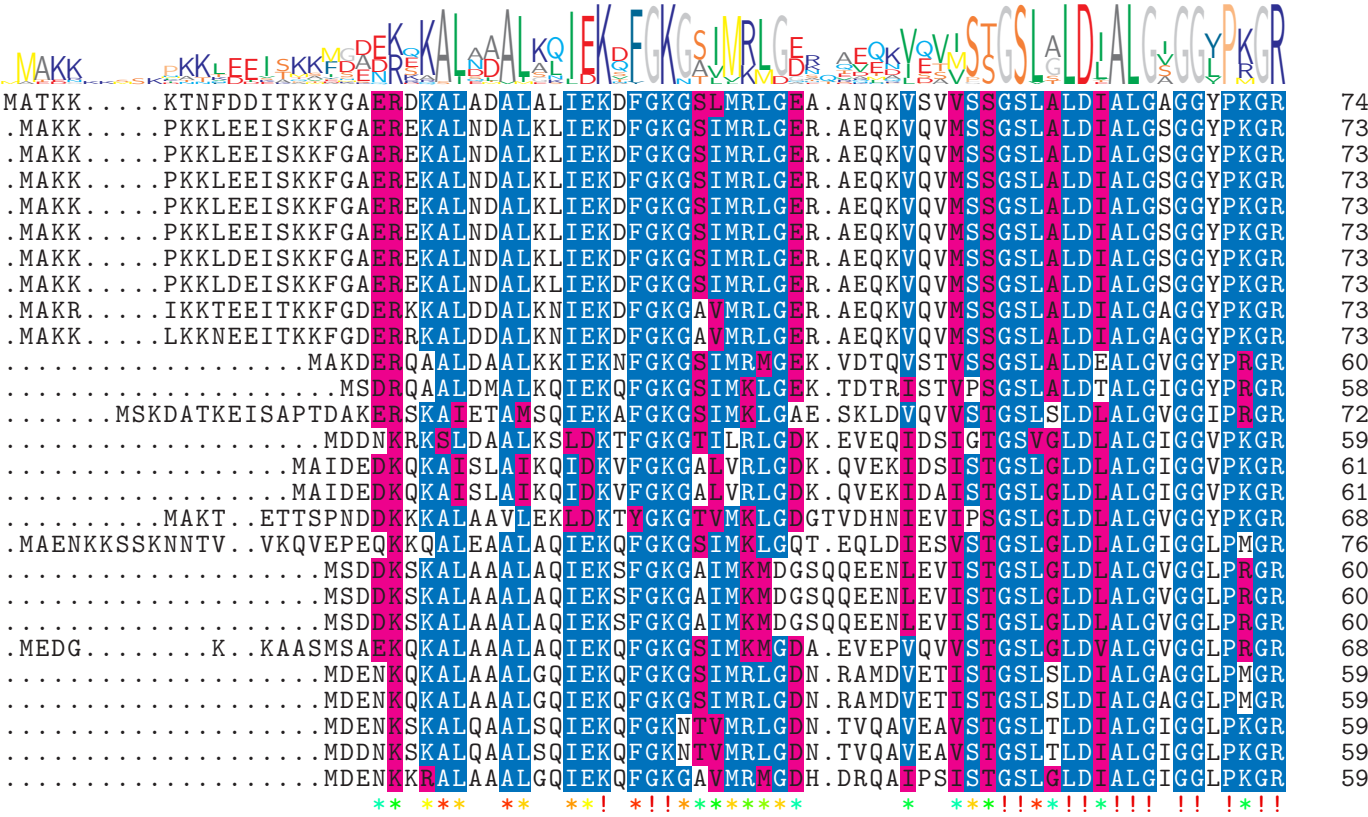


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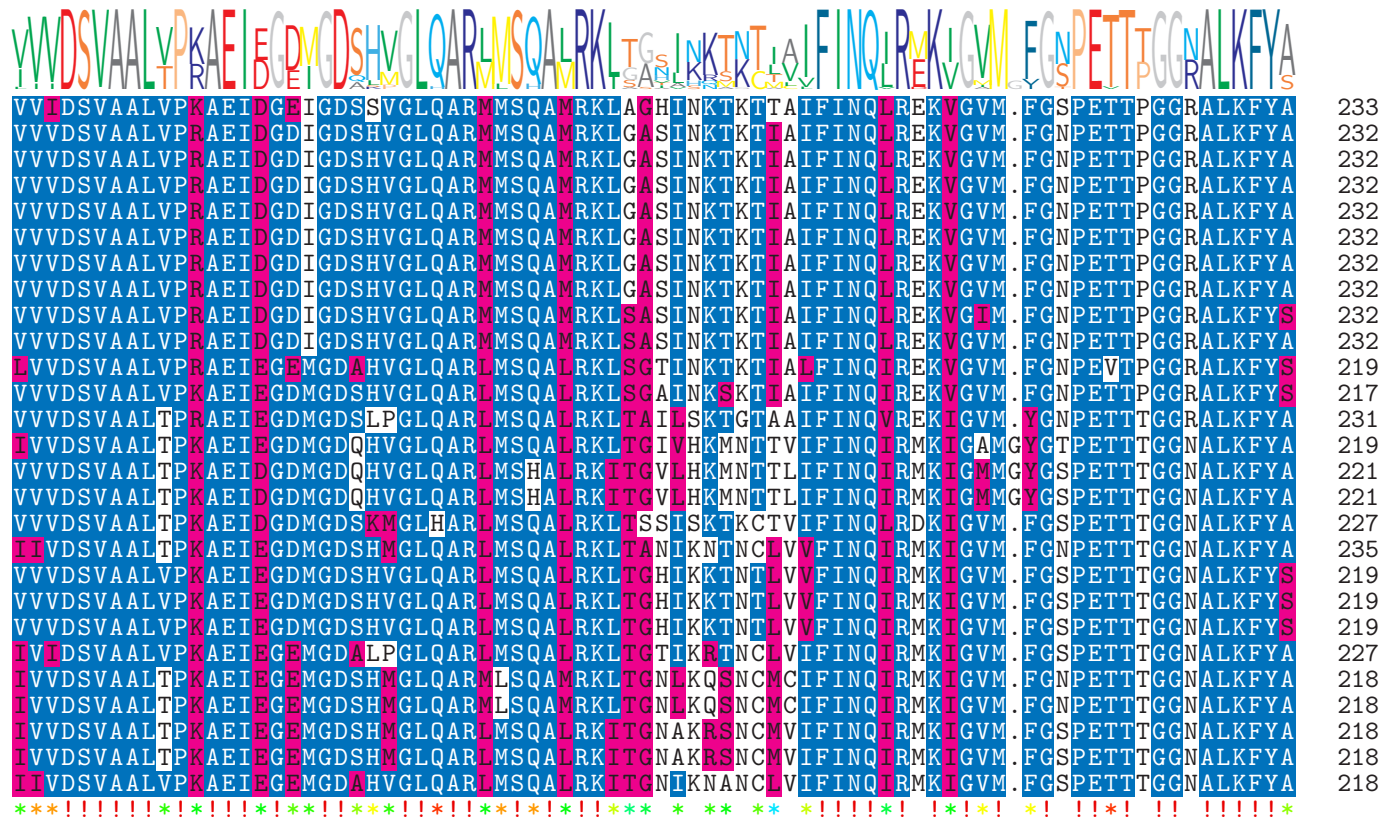
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consensus	*	*	!	*	*	!	!	!	!	!	!	!	!	!	*	!	*	*	!	!	!	!	*	!	*	*	!	*	*	!	*	*	!	!	!	!	!	*	!	*	*	!	*	*																																					

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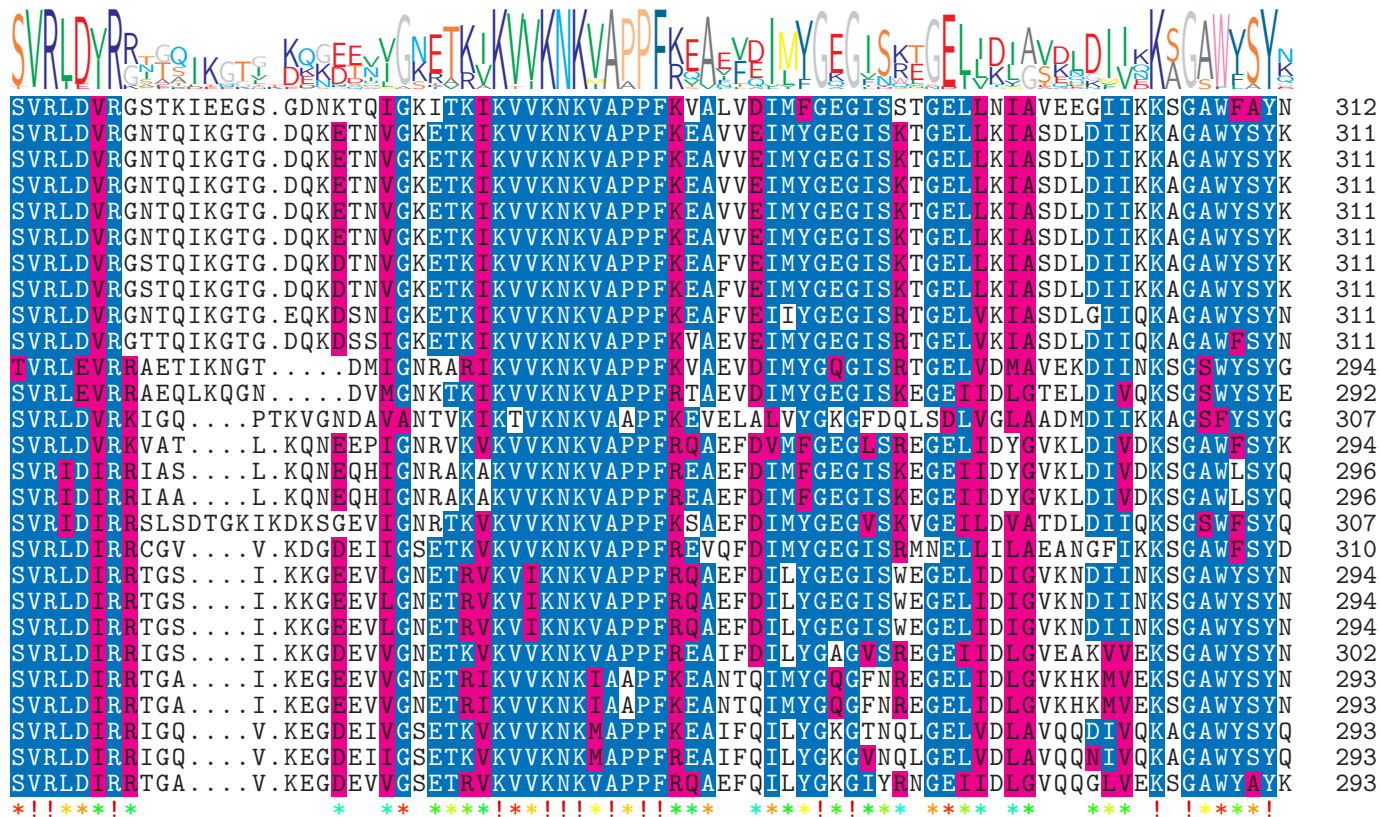
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consensus

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DEKIGGGS E NA K KYLA E HP E IF D EIDDKQVRSKF G LIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE	385
DEKIGGGS E NA K KYLA E HP E IF D EIDDKQVRSKF G LIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE	385
DEKIGGGS E NA K KYLA D N P E I F D EIDHQVVRVQ F LIDGEEIAES....KKDE....AAQVDS..VNEEVTLDLGDELEIE	381
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GEKIGGGS E NA K KFL D N P E I F D IDHKVVRVQ F LIEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELE	382
GEKIGGGS E NA K RYL D HP Q L F DEIDRKVVRV K F L LEESEEEESAMAVASE.....E.....TDDLALDLNNGIEIE	377
SERIGGG R EN A KNYL D H E D V E V RLKVR A E G ISDVPEEDLPTTEDE.QI.NILPDDST.....EE.....	355
EERLGGC R EN A K Q FL K EN K D I ML I IQ E IR E HY L DNNGVVQQAEETQEEL.EFE.E.....	348
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DK K LGGG R EN A K F L K EN P E I A D E I TK A I Q NS M G I EGMI....SGSEDDE..GEE.....	343
DK K LGGG R EN A K A L L K E D K A L A D E I TL K I K ES I GS N EEI....MPLPDEP..LEEME.....	347
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GT K IGGG K NA V K W L K EN P E I A D K L E I Q I RT L AS N PN SVLKATASDSNDESD..VEEFSEEL.....	372
GA K IGGG K D N VR V W L K E N P E I S D E I DA K IR A L N GV E M H I....TEGTQDET.....GERPEE.....	348
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GE R IGGG R D N C R E F L R EN A E L A R E I EN K VR E HL G VP M G....AV.TLAEVEED.....	352
GD K IGGG K NA C KY L K E N P E I AK T L D KK L RE M LL N PN E M....QLIAETSSAADDVE..FGAVPEEF.....	354
GD K IGGG K NA C KY L K E N P E I AK T L D KK L RE M LL N PN E M....QLIAETSSAADDVE..FGAVPEEF.....	354
GN K IGGG K NN V IR Y FE E NN Q IA E E I ERN I RE Q LL T T G TN....GAVQ.I.EDEE E PD....L L ES.....	349
GN K IGGG K NN V IR Y LE E N P Q I ST E IE A V I RE Q LL T K A S DQTAA.HDETEEE E PD....L L ES.....	349
GS K IGGG K NA A KY L E E N P E I Q E IE Q Q I RA K LL V TS A N....TKATPVAEDLADAD....I.....	347

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NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388	
NTDB id 228 SPD RS09265 WP 001085462.1	IEE	388	
NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388	
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388	
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384	
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NTDB id 1313 DR RS12030 WP 010888966.1	...	363	
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	...	347	
NTDB id 1334 RA0C RS04870 WP 004918236.1	...	343	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	...	372	
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NTDB id 1123 OK783 RS03845 WP 003688695.1	...	348	
NTDB id 1427 RS RS02760 WP 011000510.1	...	352	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	...	354	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	...	354	
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349	
NTDB id 1205 PSJM300 05545 AFN77183.1	...	347	
consensus			

- non conserved
- similar
- ≥ 50% conserved